## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                              | INITIALS            | ID NO.   | DATE     |  |  |  |  |  |  |
|---------------------------------------|---------------------|----------|----------|--|--|--|--|--|--|
| THE OFTERMINATION                     | M                   | 67814    | 7/11/10  |  |  |  |  |  |  |
| FEE DETERMINATION O.I.P.E. CLASSIFIER | _/ <i>*</i> /       | 200      | 7-1800   |  |  |  |  |  |  |
| FORMALITY REVIEW                      | -00 <sub>11</sub> - | 40154    | 12-16-90 |  |  |  |  |  |  |
| RESPONSE FORMALITY REVIEW             | - (0                | <u> </u> | AM       |  |  |  |  |  |  |

BEST AVAILABLE C

## INDEX OF CLAIMS

| Rejected                                       | N Non-elected |
|--|---------------|
| Allowed  | IInterference |
| =Allowed                                       | A Appeal      |
| <ul> <li>(Through numeral) Canceled</li> </ul> | Ohjected      |
| Restricted                                     | O Objected    |

|                     |          |          |          |          |                    |          |         |  |          | _         |            |          |          |           |          |          |            |          |              |                |              |              | _        | _               | [            | lai  | m        |          |              |          | Dat      |                |              |          | _        | _            |
|---------------------|----------|----------|----------|----------|--------------------|----------|---------|--|----------|-----------|------------|----------|----------|-----------|----------|----------|------------|----------|--------------|----------------|--------------|--------------|----------|-----------------|--------------|------|----------|----------|--------------|----------|----------|----------------|--------------|----------|----------|--------------|
| Claim               |          |          |          |          | Da                 | te       |         |  |          | ,         | _          |          | Cla      | im        | -        |          |            | [        | Date         | <del>-</del> - | - 1          |              | _        | $\dashv$        | ۲            | 7    |          | $\neg$   | 丁            | $\neg$   | <u> </u> |                | $\neg$       |          |          | Г            |
|                     | 17.7     |          |          |          |                    |          |         |  |          |           |            |          | Final    | Original  |          |          |            |          |              |                |              |              |          |                 | 1000         | Lina | Original | Ì        |              |          |          |                |              |          |          |              |
| يقًاقًا             | 1        |          |          | 上        | $oldsymbol{\perp}$ | L        | 1       | _}   | -        | _         | $\dashv$   |          | 1        | O<br>51   | $\dashv$ | +        | -+         | $\dashv$ | $\dashv$     | $\dashv$       | -            | -            | -        | $\dashv$        | +            | -    | 101      | $\neg$   | 7            |          |          |                |              | Г        |          | Γ            |
|                     |          |          |          | 1_       | 1_                 | $\perp$  | 1       | 1  | 4        |           | $\Box$     |          | H        |           | -+       | +        | -+         | +        | -            | -              | -            | $\dashv$     | +        | $\dashv$        | <del> </del> |      | 102      | 一        | 寸            |          |          |                |              |          | Γ        | Γ            |
| 2                   |          |          |          | L        |                    |          | 1       | _  | _1       |           | Щ          |          | <u> </u> | 52        | $\dashv$ | +        | -+         |          |              | -              | -            | -            |          | $\dashv$        | H            |      | 103      | $\dashv$ |              |          |          |                |              |          |          | Г            |
| 3                   | 1        | [        |          |          |                    | 1        |         | _  | $\dashv$ |           |            |          | <u></u>  | 53        | -+       | 4        | $\dashv$   |          | $\dashv$     |                |              | $\dashv$     |          | $\dashv$        | -            | - 1  | 104      | $\neg$   | $\dashv$     |          | -        | -              |              | 1        | ✝        | Τ            |
| 4                   |          |          |          | Ι_       |                    | 1        | 4       | $\rightarrow$                                    | _        |           |            |          | -        | 54        |          | -        | -          | -        | -1           |                | _            | $\dashv$     | -        | ⊣               | -            |      | 105      | $\vdash$ |              |          |          |                |              |          |          | Г            |
| 5                   |          |          | L        | L        | $\perp$            | $\perp$  | 1       |  | _        | _         |            |          | <u> </u> | 55        | -+       | $\dashv$ | -1         |          | {            |                |              | $\dashv$     | $\vdash$ |                 | -            |      | 106      | Н        |              |          | $\vdash$ | <u>├</u>       | 1            |          | T        | T            |
| 6                   |          | Τ.       |          | L        | $\perp$            |          | $\perp$ | _1   | _        |           |            |          | $\vdash$ | 56        | -        | -        |            |          |              |                |              | $\vdash$     | $\vdash$ | $\dashv$        | -            |      | 107      |          | _            | -        | -        | T              |              | 1        | $\top$   | Τ            |
|                     | IV       | Ί.       |          | L        | ┸                  | $\perp$  |         | _  | _        |           | 匚          |          | <u> </u> | 57        |          | -+       | -          |          | _            | _              |              | -            | -1       | $\dashv$        | -            |      | 108      | H        |              | _        | 1        | 1              | $\vdash$     | T        | 1        | T            |
| 1                   |          |          | Γ.       | L        |                    | $\perp$  | _       | ]  |          | _         | L          | Į        | <u> </u> | 58        | $\vdash$ | $\dashv$ | -          |          | H            | _ !            |              | -            | Н        | $\dashv$        | F            |      | 109      | $\vdash$ |              |          | <u> </u> | 1              | 1            | 1        | T        | T            |
| 9                   | ·        |          |          | L        |                    | ┙        |         |  |          | L         | <u> </u>   | 1,       | $\vdash$ | 59        | $\vdash$ | -        |            |          | _            | -              | _            |              | H        | $\vdash$        | -            |      | 110      |          |              | -        |          | $t^-$          | $\vdash$     | 1        | 1        | T            |
| 10                  | )        |          |          | Ι        | I                  | $\perp$  |         |  | لــــــا | L         | <u> </u>   | 1        | $\perp$  | 60        |          |          | -1         | _        |              | -              | $\vdash$     | -            | -        | H               |              |      | 111      |          |              | $\vdash$ | ╁        | +-             | t            |          | 十        | t            |
| 1                   | 1        | T        | Γ        | T        | I                  |          |         |  |          | L         | ↓_         | ]        | <u>_</u> | 61        | Ш        | _        | _          |          |              | ļ              |              | <del> </del> | -        |                 | <b> </b>     | -    | 112      | ╁        | -            | $\vdash$ | $\vdash$ | 1              | +            | 1        | T        | T            |
| 11                  | 2        | 1        |          | ]        | I                  |          |         |  |          | L         | 1_         | 1        | $\vdash$ | 62        | $\sqcup$ | _        |            | _        | -            | ļ —            | ├-           | -            | -        | -               | -            | _    | 113      | $\vdash$ | -            | $\vdash$ | T        | T              | $t^-$        | ╁        | 十        | +            |
| 1                   |          |          | Τ        | T        | T                  | _T       |         |  |          | L         | 1_         | 1        | L        | 63        | _        | _]       | $\Box$     | <u> </u> | <u> </u> _   | <u> </u>       | <u> </u>     | ┼            | ├-       | ├               | }            |      | 114      | +        | -            | +        | +        | +-             | +-           |          | 十        | +            |
| 1                   | 4        | 1-       | 1        | 1        | 1                  |          |         |  |          | Ĺ         | L          |          | _        | 64        |          |          | <u> </u>   | _        | ├-           |                | ⊢-           | +-           | -        | -               | -            | _    | 115      | $\vdash$ | +            | ╁        | +        | +              | +-           | +-       | +        | +            |
| 1                   |          |          | T        | T        | I                  | J        |         |  |          | L         | 1          | 1        | <u> </u> | 65        |          | L        | <u> </u>   | $\vdash$ | ⊢            | <b>├</b>       | $\vdash$     | +            | ╀╌       | <del> </del> -  | {            |      | 116      | +-       | +-           | +-       | +        | +              | +            | +        | 十        | +            |
| 1                   |          | 1        | T        | 1        | T                  | T        |         |  | Ĺ        |           | L          | 1        | L        | 66        |          | _        | <u> </u>   | <u> </u> | <del> </del> | ↓-             | ┡            | +            | ╀        | 1-              | -            |      | 117      | +        | $\vdash$     | +        | +        | +              | +            | +        | +        | +            |
| 1                   | _        | $\top$   | T        | 1        |                    |          |         |  |          |           |            |          | $\perp$  | 67        |          | _        | <u> </u> _ | <u> </u> |              | ـ              | ┞-           | +-           | ╀        | +-              | <b>∤ ∤</b>   |      | 118      | ╁        | +            | ┼╌       | +-       | +-             | +-           | +        | 十        | +            |
|                     | 8        |          | +        | T        |                    | 寸        |         |  |          |           | L          |          | L        | 68        | -        |          | <u> </u>   | ┡        | 1_           | ـ              | 1            | +-           | ┼-       | ┼-              |              |      | 119      | +        | $\vdash$     | ╁        | +-       | +-             | +            | +        | 十        | +            |
|                     | 9        | T        | T        | 7        | $\top$             |          |         | Γ  | T        | Т         | T          |          | L        | 69        |          | L        | L          | ┖        | L            | 上              | 上            | ╀            | ╄        | ╀               |              |      |          | ╁        | ╁            | ╁        | ╁        | ╫              | ╌            | ╅        | +        | 十            |
|                     | 0        | +        | T        | $\dashv$ | 寸                  | $\neg$   |         | T  | T        | Τ         | T          | 7        | Г        | 70        |          |          | l          | ١.       | 1            | L              | L            | L            |          | L               | 1 1          | _    | 120      | ╀        | <del> </del> | ╄        | +        | +              | +            |          | +        | +            |
|                     | 21       | +        | +        | +        | -+                 | 7        |         | $\vdash$   | $t^-$    | t         | T          | 1        |          | 7         | 1        |          |            |          |              |                |              | $\perp$      | 1_       | _               |              | _    | 121      | +-       | ╁-           |          | +        | +              | +-           | +        | +        | +            |
|                     | 22       | ╁        | +        | +        | $\dashv$           | 一        | Т       | ┪  | ✝        | 1         | T          | 1        | F        | 7:        |          |          | Π          | 1.       |              | L              | L            |              | 1        | ┺               | 1            | _    | 122      | 1        | ↓_           | +-       | +        | +-             | +            | +        | +        | +            |
|                     | 23       | +        | ╅        | +        | $\dashv$           | ᅥ        | -       | <del>                                     </del> | +-       | +         | +          | 7        |          | 7         | 3        | Τ        | T          | T        | 1            |                | L            |              | L        |                 | ]            | L    | 123      | $\bot$   | 1            | 4        | +        | +              | ╀            | +        | +        | +            |
|                     | 24       |          | +        | +        | -                  |          | -       | +-   | +        | 十         |            | 7        |          | 7         | 4        |          | T          | T        | 1            | Τ.             | $\mathbf{L}$ | 1            |          | 丄               | <u> </u>     | _    | 124      | _        | 1            | $\perp$  | 4        | +              | 4            | +        | +        | +            |
|                     | 25       | +        | +        | -+       | -+                 | _        | ┢       | +  | +        | $\dagger$ | +          | 1        | F        | 7         | 5        | Т        | T          | Т        |              | Т              | Ι            | L            | ľ        | 上               |              | L    | 125      |          | 1            | 1        | 4        | +              | +            | +        | +        | +            |
|                     | 26       |          | +        | +        | $\dashv$           |          | -       | +-   | ╁        | 十         | - -        | ┪        | İ        | 7         |          | 1        | Τ          | T        | T            | T              | Т            |              |          | L               |              | L    | 126      | ┸        | $\perp$      | 4        | +        | $\perp$        | 4            | +        | +        | -            |
|                     | 27       | -A-      | ╁        | +        | -                  | _        | }-      | +-   | 十        | +         | +          | 1        | -        | 7         | 7        | 1        | 1          | T        | T            | T              | Τ            | T.           | L        | L               |              | L    | 127      | 4        | 1            | 4        | 4        | +              | 4            | 4        | 4        | -            |
| 1                   | 284      | +        | +        |          |                    |          | ╁       | +  | ╁        | +         | +          | ┨        |          | 7         | 8        | 1        | 1          | 1        | 1            | T              |              |              |          | 1_              |              | L    | 128      |          |              | 4        | 4        | _              | 4            | -        | +        | $\dashv$     |
|                     | 29       | +        | +        | {        |                    | -        | ╁╌      | +  | +        | +         | +          | 7        | T        | 7         | 9        | 1        | ┪          | Τ        | T            |                |              | T            |          |                 |              | L    | 129      | ┸        | $\perp$      | ᆚ        | 4        | _              |              | -1       | -        |              |
|                     |          | -        | +        | ┥        | $\dashv$           |          | ╁       | ╁  | ╫        | +         |            | $\dashv$ | -        | 7         | 10       | 1        | 1          | $\top$   | 1            | T              | T            | $\top$       |          |                 |              | L    | 130      |          | 1            | 4        | 4        | 4              | 4            | 4        | $\dashv$ |              |
|                     | 30<br>31 | -+       | -+       |          |                    | -        | t       | +  | +        | +         | -+         | ᅱ        | 1        | 1         | 31       | 1        | $\top$     | 1        |              | T              | T            | T            | Т        |                 | ]            | L    | 131      | $\perp$  | _            | _        | $\perp$  | 4              | _ -          | -        | -        | $\dashv$     |
|                     |          | -+       | -{       |          |                    | -        | ╁       | +  | +        | $^{+}$    | +          | -        | r        |           | 32       | +        | ┪          | 1        | T            |                | Т            |              | $\neg$   |                 |              | L    | 132      |          |              | 4        | 4        | _              | 4            | _        | -        |              |
|                     | 32<br>33 |          | $\dashv$ | $\dashv$ | -                  | $\vdash$ | ╁       | ╁  | +        | +         | +          | $\dashv$ | h        |           | 33       | T        | $\top$     | 1        | 1            | Т              | T            |              | T        |                 | _]           | L    | 133      | ⅃        | $\perp$      | $\perp$  | $\perp$  | 4              | $\dashv$     | _        | $\dashv$ | _            |
|                     |          | $\dashv$ | 4        |          | -                  | $\vdash$ | ╁       | ╁  | +        | +         | +          | ᅥ        | ŀ        |           | 34       | T        | T          | ╅        | +            | 1              | 7            | _            | T        | T               |              | L    | 134      | L        | $\perp$      |          | _        | _              | 4            | _        | _        | 4            |
| $\vdash$            | 34<br>35 |          | -        | _        | $\vdash$           | $\vdash$ | +       | +  | ╁        | +         | $\dashv$   | $\dashv$ | ł        |           | 35       | $\top$   | +          | T        | +            | $\top$         | T            | $\top$       | T        |                 | ]            | L    | 135      | ┸        | 1            | _ _      | $\perp$  | _              | _            | _        |          |              |
| $\vdash$            |          | -        | $\dashv$ | !        | $\vdash$           | ╁        | ╁       | +  | +        | -+        | -+         | $\dashv$ | ŀ        |           | 36       | +        | +          | $\top$   | +            | T              | $\top$       | 丁            | T        | T               | 7            |      | 136      |          | $\perp$      | $\perp$  | $\perp$  | _              | _            | _        | _        |              |
| $\vdash$            | 36       | $\dashv$ |          | -        | -                  | $\vdash$ | ╁       | +  | +        | +         | -+         | $\dashv$ | ŀ        |           | 37       | +        | +          | +        | $\top$       | $\top$         | す            | 十            | $\top$   | T               |              |      | 137      | $\perp$  |              | _        |          |                | _            | _        | _        | _            |
| <br>                | 37       | -        | 4        | -        | -                  | +-       | +       | +  | +        | +         | +          | $\dashv$ | ŀ        |           | 38       | +        | +          | +        | +            | +              | T            | 1            |          | $\top$          | 1            |      | 138      | $\perp$  | $\perp$      | _        |          | _              | ┙            |          |          |              |
| $\vdash$            | 38       | -+       | _        | -        | ├                  | ╀        | +       | +  | +        | $\dashv$  | $\dashv$   | ᅱ        | ł        |           | 89       | +        | 十          | +        | 7            | 十              | $\top$       | $\neg$       | ┪        | $\neg$          | 7            | Г    | 139      | $\Box$   | ⅃            | ┙        |          | _              | _            | _        | _        | <u> </u>     |
| $\vdash$            | 39       | $\dashv$ |          | <u> </u> | ├-                 | +-       | +       | +  | +        | -         | -1         | ᅱ        | ł        | _         | 90       | +        | +          | +        | 7            | $\top$         | $\top$       | $\neg$       | $\top$   |                 | ٦            | Γ    | 140      | T        | T            |          |          |                |              |          |          | _            |
|                     | 40       |          |          | <u> </u> | 1                  | 1        | +       | +  | +        |           |            | {        | ł        | _         | 91       | +        | +          | +        | +            | +              | 十            | $\dashv$     | 7        | 十               | 1            | 1    | 141      | $\neg$   | T            | $\sqcap$ | ٦        |                | [            |          |          | L            |
|                     | 41       | $\sqcup$ |          | _        | 1_                 | 1        | 4-      | 4  | 4        | 4         | 1          | 4        | }        |           | 92       | +        | +          | +        | $\dashv$     | +              | +            | -+           | +        | -+              | -            | t    | 142      | $\dashv$ | 7            | $\dashv$ | 7        |                |              |          |          |              |
| $\setminus \square$ | 42       | $\sqcup$ |          | L        | 上                  | $\perp$  | 1       | 4  | 4        | _         | $\vdash$ i |          |          |           |          | +        | +          | +        | $\dashv$     | $\dashv$       | +            | $\dashv$     | +        | -+              |              | F    | 143      | $\dashv$ | 7            | 7        |          |                |              |          | Ĺ        |              |
|                     | 43       |          | L_       | L        | L                  | 1        | 4       | $\perp$  | 4        |           | $\square$  |          |          |           | 93       | $\dashv$ | +          | +        | -+           | $\dashv$       | $\dashv$     | -+           | +        | $\dashv$        |              | ŀ    | 144      | _        | 7            | _        |          |                |              |          |          | Г            |
|                     | 44       |          |          |          | L                  | L        | _       | _  | _ļ       |           | Ш          | $\Box$   |          | $\square$ | 94       | -        | $\dashv$   | -        | $\dashv$     | }              | +            | }            |          | $\dashv$        |              | H    | 145      | +        | -            | -        |          | $\Box$         | Н            | T        | Г        | Г            |
|                     | 45       |          |          |          |                    |          | 1       | 1  | _        |           | $\perp$    | Ш        |          | Ш         | 95       | 4        | $\dashv$   | -+       |              | $\dashv$       | $\dashv$     | $\dashv$     | $\dashv$ | $\dashv$        | $\dashv$     | 1    | 146      | -        |              | _        |          |                | $\Box$       |          | $\sqcap$ | Γ            |
|                     | 46       |          |          | Γ        | Γ                  |          | $\prod$ |  |          |           | Ш          | oxdot    |          | Ш         | 96       | $\dashv$ | _          | _        | _            | -              | -            |              | -        | -+              | $\dashv$     | ŀ    | 147      |          |              | -        |          | -              | -            | $\vdash$ | Г        | T            |
| -                   | 47       | 1        |          | T        | 1                  | Τ        | T       | T  |          |           |            |          |          |           | 97       | _1       | $\dashv$   | _        | _ļ           | _              | _            |              |          | -               |              | -    | 148      | $\vdash$ | $\dashv$     | _        | -        | +-             | <del> </del> | $\vdash$ | ╁        | +            |
|                     | 48       | 1        | Τ        | T        | T                  | T        | _1      | Ţ  |          |           |            |          | 1        | $\Box$    | 98       | _        | _          | _        |              | _              | 4            |              | $\dashv$ | -               |              | }    |          | ┤┤       | +            | -        | -        | <del>  -</del> | $\vdash$     | $\vdash$ | ✝        | $^{\dagger}$ |
| -                   | 49       |          | 1        | T        | 1                  | T        | 7       |  |          | _         |            | L        | 1        | _         | 99       |          | $\dashv$   | _        |              |                | _            | $\vdash$     |          | $\vdash \vdash$ |              | ł    | 149      | $\vdash$ |              | -        | -        | +-             | +-           | ╁        | $\vdash$ | +            |
| <u> </u>            | 50       |          | T        | +        | ╅                  | $\top$   | _       | _  | _1       |           | Г          | <u> </u> | l        |           | 100      |          |            |          | ]            |                |              | $\Box$       |          | $\sqcup$        |              | Į    | 150      | 1        |              | <u> </u> | L        |                | Ь            | 1        | т—       |              |

If more than 150 claims or 10 actions staple additional sheet here

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